

IN THE CLAIMS:

Please cancel claims 1-19 without prejudice and add new claims 22-23 as follows:

1. through 19. (Canceled).

20. (Currently amended) ~~The method according to any one of claims 13 to 15, A~~
method of treating or preventing a condition characterized by angiogenesis in an animal
comprising the step of administering to said animal a pharmaceutically acceptable
composition comprising a molecule which inhibits any of the transcription of an Erk5 gene,
the translation of an Erk5 mRNA or the activity of an Erk5 protein; and a pharmaceutically
acceptable carrier, further comprising the step of administering to said patient an additional
therapeutic agent which is normally administered as a monotherapy to treat or prevent said
condition.

21. (Currently amended) ~~The method according to any one of claims 13 to 15, A~~
method of treating or preventing a condition characterized by angiogenesis in an animal
comprising the step of administering to said animal a pharmaceutically acceptable
composition comprising a molecule which inhibits any of the transcription of an Erk5 gene,
the translation of an Erk5 mRNA or the activity of an Erk5 protein; and a pharmaceutically
acceptable carrier, wherein said pharmaceutically acceptable composition further comprises a
therapeutic agent which is normally administered as a monotherapy to treat or prevent said
condition.

22. (New) The method according to either of claims 20 or 21, wherein said molecule
is selected a monoclonal or polyclonal antibody specific for Erk5, an oligonucleotide that
specifically hybridizes to Erk5 DNA so as to prevent transcription of functional Erk5 mRNA,
an oligonucleotide that specifically hybridizes to Erk5 mRNA to as to prevent expression of
Erk5, a ribozyme that specifically cleaves Erk5 mRNA, or a small molecule inhibitor or
antagonist of Erk5 protein.

23. (New) The method according to either of claims 20 or 21, wherein said condition
is selected from brain cancer, genitourinary tract cancer, lymphatic system cancer, stomach
cancer, cancer of the larynx, lung cancer, pancreatic cancer, breast cancer, Kaposi's sarcoma,

retinoblastoma, neuroblastoma, Wilm's tumor, head and neck cancer, melanoma, colo-rectal cancer, leukemia, endometriosis, benign prostatic hyperplasia, restenosis, atherosclerosis, rheumatoid arthritis, psoriasis, proliferative retinopathy, angiogenic retinopathy or macular degeneration.